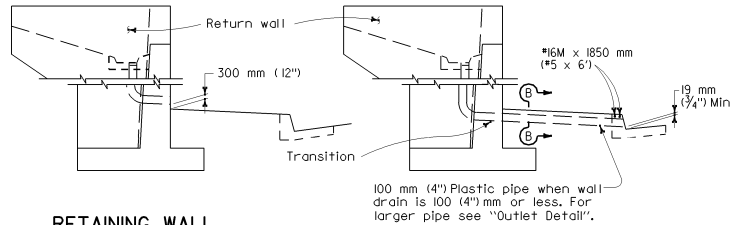
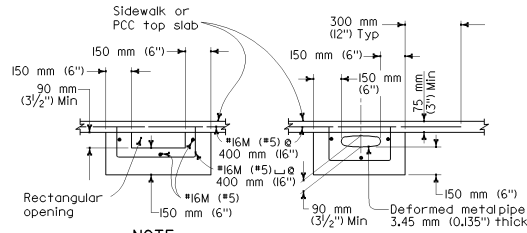


**WALL DRAIN DETAIL**



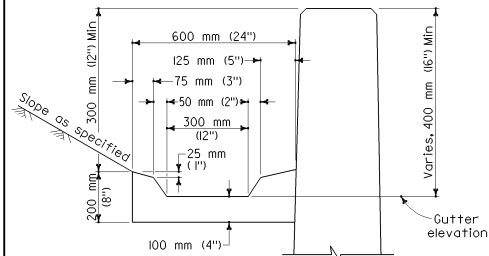
**RETAINING WALL,  
FACE OF WALL OUTLET**



**NOTE**

Area of opening to be not less than that of pipe from wall/gutter. Make opening transition in wall. Edge opening in curb face to 19 mm (3/4\") minimum radius.

**OUTLET DETAIL - SECTION B-B**

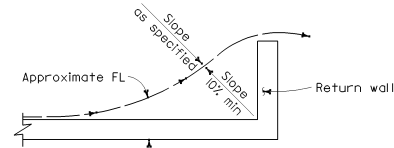


**TYPICAL GUTTER DETAIL**

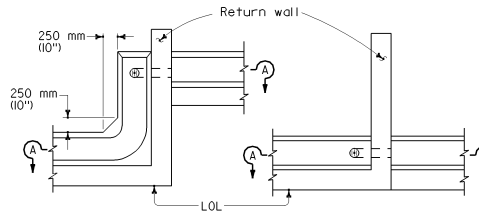


**GRATE DETAIL**

Sizes to fit standard hubs



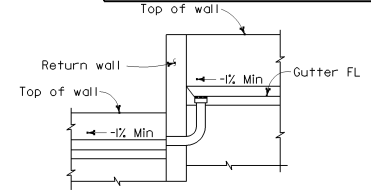
**WALL DRAINAGE  
WHERE GUTTER NOT REQUIRED**



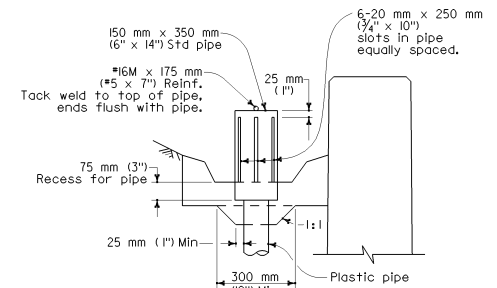
**PLAN-OFFSET WALL**

**PLAN-CONTINUOUS WALL**

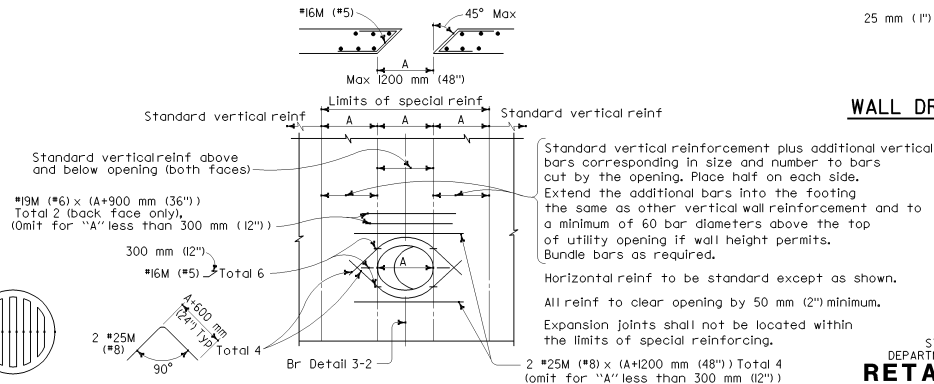
**DRAIN THROUGH RETURN WALL**



**SECTION A-A**



**WALL DRAIN WITH PIPE DOME**



**RETAINING WALL UTILITY OPENING**

Max size of opening (A) = 1200 mm (48\")

To be used in conjunction with sheet **B3-B**

**STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
RETAINING WALL  
DETAILS NO. 2**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses ( ). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

**B3-9**

DIST.	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST NO.	SHEET NO.	TOTAL SHEETS

*Overcomer, Y. Ror*  
REGISTERED CIVIL ENGINEER  
July 1, 2002  
PLANS APPROVAL DATE  
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**Overcomer, Y. Ror**  
No. C45803  
Exp. 12-31-02  
STATE OF CALIFORNIA